

Missouri

Life Science 2004

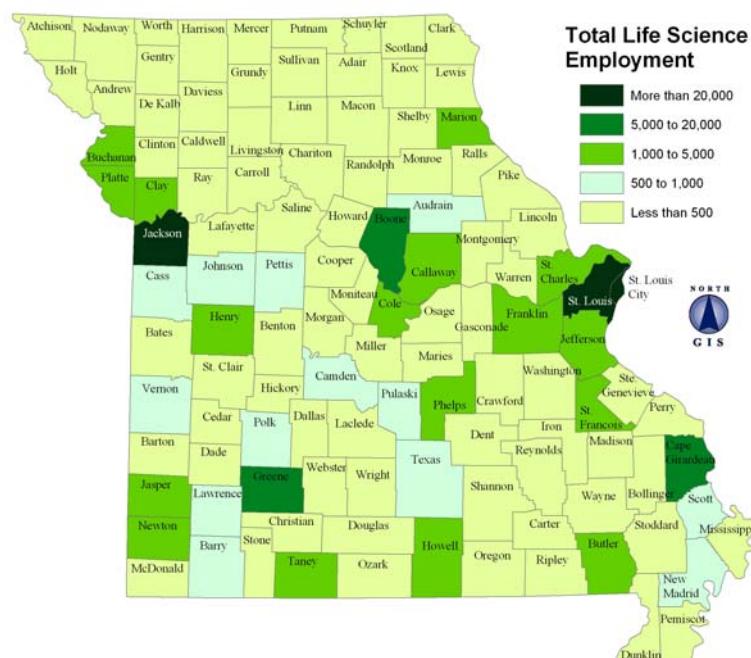
Life Science uses life-saving and life-enhancing technologies to improve the quality of life for people. With more than 2,100 life science related firms in the state, the Life Science industry is a growing and important part of Missouri's economy.

Employment

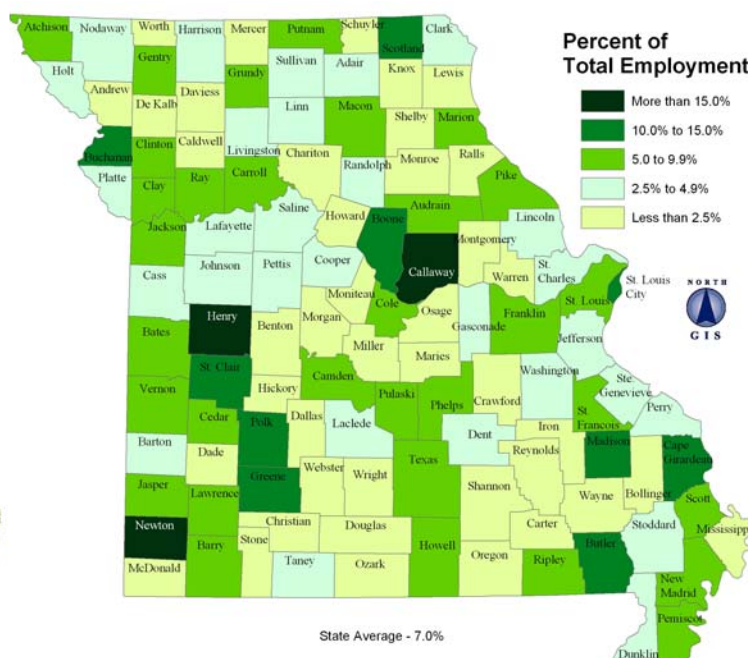
In 2004, more than 183,000 Missourians were employed in the Life Science industry. Life Science employment was up 1.4 percent from 2003, and since 2001, has increased by 4.6 percent. The Life Science industry's share of Missouri's employment has also increased slightly, from 6.6 percent of the state's employment in 2001 to 7.0 percent in 2004.

While the greatest number of life science jobs can be found in Missouri's metropolitan areas, several other counties in the state have a high percentage of Life Science industry employment. Life Science jobs make up 10 percent or more of total employment in twelve Missouri counties and St. Louis City. In Newton County, more than 18 percent of county employment is in Life Science. Henry and Callaway counties have just over 15 percent each. Rounding out the list with more than 10 percent employment in Life Science are: Cape Girardeau, Boone, Polk, Scotland, Greene, Buchanan, Butler, St. Clair and Madison.

**Missouri Life Science Employment by County
2004**

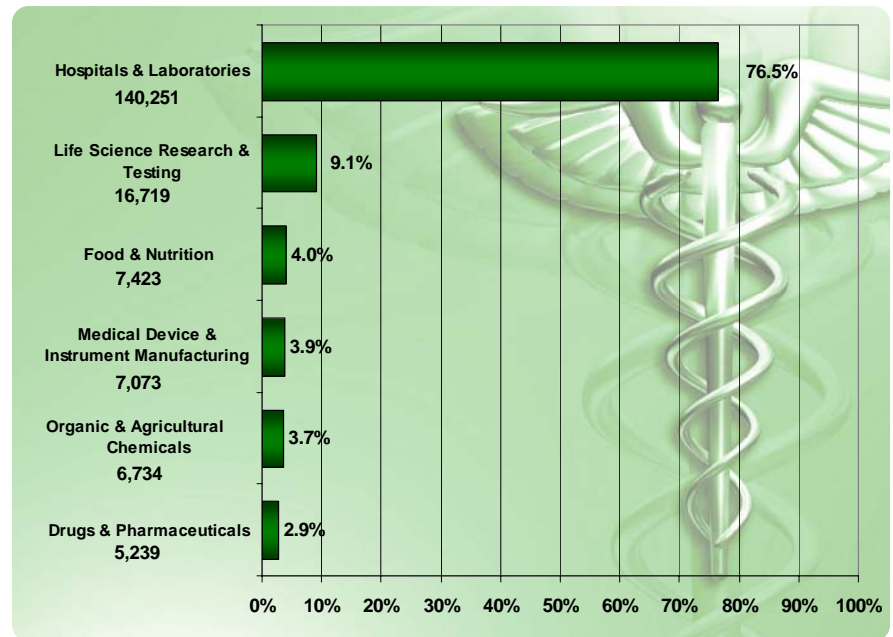


**Life Science Share of Total County Employment
2004**



Subsector Employment

More than 76 percent of Missouri's employment in Life Science is in the Hospitals and Laboratories subsector. This subsector is comprised of general medical and surgical hospitals, psychiatric, substance abuse and specialty hospitals, as well as medical laboratories and diagnostic imaging centers. Just over nine percent is in Life Science Research and Testing, with less than five percent in each of the other subsectors.



Wages

A typical Life Science job pays more than the state average. In 2004, the average annual wage for Life Science in Missouri was \$41,554, while the statewide average wage was \$34,852. Since 2001, the average annual wage for Life Science has increased by 13.3 percent, faster than the state average of 7.5 percent.



Occupations

Some occupations that have a high concentration in the Life Science industry and employ more than 1,000 Missourians are:

Chemical Plant and System Operators

Respiratory Therapists

Veterinary Assistants and Laboratory Animal Caretakers

Psychiatric Aides

Medical and Clinical Laboratory Technologists

Surgical Technologists

Radiologic Technologists and Technicians

Registered Nurses

Civil Engineers

Medical and Clinical Laboratory Technicians

Healthcare Support Workers

Life Science Definition					
NAICS	NAICS DESCRIPTION	NAICS	NAICS DESCRIPTION	NAICS	NAICS DESCRIPTION
325222	Noncellulosic Organic Fiber Mfg.	325120	Industrial Gas Mfg.	334516	Analytical Laboratory Instrument Mfg.
325320	Pesticide & Other Agricultural Chemical Mfg.	325188	All Other Basic Inorganic Chemical Mfg.	334517	Irradiation Apparatus Mfg.
311119	Other Animal Food Mfg.	325192	Cyclic Crude & Intermediate Mfg.	339111	Laboratory Apparatus & Furniture Mfg.
311222	Soybean Processing	325193	Ethyl Alcohol Mfg.	339112	Surgical & Medical Equipment Mfg.
311223	Other Oilseed Processing	325199	All Other Basic Organic Chemical Mfg.	339113	Surgical Appliance & Supplies Mfg.
311225	Fats & Oils Refining & Blending	325411	Medicinal & Botanical Mfg.	339999	All Other Miscellaneous Mfg.
311511	Fluid Milk Mfg.	325412	Pharmaceutical Preparation Mfg.	541380	Testing Laboratories
311512	Creamery Butter Mfg.	325413	In Vitro Diagnostic Substance Mfg.	541710	R & D in the Physical, Engineering & Life Sciences
311513	Cheese Mfg.	325414	Biological Product (except Diagnostic) Mfg.	541720	R & D in the Social Sciences & Humanities
311514	Dry, Condensed, & Evaporated Dairy Product Mfg.	325611	Soap & Other Detergent Mfg.	541910	Marketing Research & Public Opinion Polling
311520	Ice Cream & Frozen Dessert Mfg.	325620	Toilet Preparation Mfg.	541940	Veterinary Services
311613	Rendering & Meat Byproduct Processing	325998	All Other Miscellaneous Chemical Product & Preparation Mfg.	621511	Medical Laboratories
311711	Seafood Canning	332994	Small Arms Mfg.	621512	Diagnostic Imaging Centers
311712	Fresh & Frozen Seafood Processing	333298	All Other Industrial Machinery Mfg.	622110	General Medical & Surgical Hospitals
322291	Sanitary Paper Mfg.	333319	Other Commercial & Service Industry Machinery Mfg.	622210	Psychiatric & Substance Abuse Hospitals
325110	Petrochemical Mfg.	334510	Electromedical & Electrotherapeutic Apparatus Mfg.	622310	Specialty (except Psychiatric & Substance Abuse) Hospitals

Source: Battelle Memorial Institute, "Life Sciences & Missouri's Economic Future: An Opportunity to Build One Missouri", January 2003. NAICS conversion by MERIC. For a detailed Directory of Life Science-Related Companies, Organizations and Institutions in Missouri, visit MOBIO at www.mobio.org.